

This is a RED Stamp

ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-FO  
Procedure No.: Table of Contents, Rev 44  
Page: 1 of 3  
Effective Date: 03/11/93  
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)  
VOLUME II: GROUNDWATER (GW)  
VOLUME III: GEOTECHNICAL (GT)  
VOLUME IV: SURFACE WATER (SW)  
VOLUME V: ECOLOGY (EE)  
VOLUME VI: AIR (AP)

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FOR VOLUME I: FIELD OPERATIONS

| <u>Procedure No.</u> | <u>Title</u>                               | <u>Rev. No.</u> | <u>Effective Date</u> |
|----------------------|--|-----------------|-----------------------|
| FO.01                | Air Monitoring and Dust Control            | 2               | 05/12/92              |
| FO.02                | Transmittal of Field QA Records            | 3               | 05/22/92              |
| FO.03                | General Equipment Decontamination          | 2               | 05/12/92              |
| DCN 92.01            | EXPIRED (Clarification of Decontamination) | 2               | Expired               |
| DCN 92.02            | Update to Clarification of Decontamination | 2               | 12/12/92              |
| DCN 93.01            | CPT Rods                                   | 2               | 02/16/93              |
| FO.04                | Heavy Equipment Decontamination            | 2               | 05/12/92              |
| DCN 92.01            | Expired                                    | 1               | Expired               |
| DCN 92.02            | Expired                                    | 1               | Expired               |
| DCN 92.03            | Consistency Change                         | 1               | 09/18/92              |
| DCN 92.04            | Update to Clarification of Decontamination | 2               | 12/17/92              |
| FO.05                | Handling of Purge and Development Water    | 2               | 05/12/92              |
| FO.06                | Handling of Personal Protective Equipment  | 2               | 05/12/92              |
| DCN 92.01            | Monitoring Change                          | 2               | 09/18/92              |
| *DCN 93.01           | Plastic Bagging Modification               | 2               | 02/17/93              |

ADMIN RECORD

DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991

A-SW-000562

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**5-21000-OPS-FO**  
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**03/11/93**  
**Environmental Management**

| <b><u>Procedure No.</u></b> | <b><u>Title</u></b>   | <b><u>Rev. No.</u></b> | <b><u>Effective Date</u></b> |
|-----------------------------|---|------------------------|------------------------------|
| FO.07                       | Handling of Decontamination Water and Wash Water                              | 2                      | 05/12/92                     |
| DCN 92.01                   | Consistency Change  | 2                      | 09/18/92                     |
| FO.08                       | Handling of Drilling Fluids and Cuttings                                      | 2                      | 05/12/92                     |
| DCN 92.04                   | EXPIRED (Clarification of Drill Cuttings)                                     | 2                      | Expired                      |
| DCN 92.05                   | EXPIRED (Handling of Drilling Fluids and Cuttings)                            | 2                      | Expired                      |
| DCN 92.06                   | Clarification of Responsibility   | 2                      | 09/09/92                     |
| DCN 92.07                   | Elimination of Drilling Requirements on Earthen Dams                          | 2                      | 09/10/92                     |
| DCN 92.08                   | Consistency Change  | 2                      | 09/18/92                     |
| DCN 92.09                   | Clarification of Augering Technique for OU-6                                  | 2                      | 10/28/92                     |
| DCN 92.10                   | Improve Tracking of Samples   | 2                      | 12/07/92                     |
| FO.09                       | Handling of Residual Samples  | 2                      | 05/12/92                     |
| FO.10                       | Receiving, Labeling, and Handling Environmental Materials Containers          | 2                      | 05/12/92                     |
| DCN 92.03                   | EXPIRED (Replaced by DCN 93.01 dated 2/10/93)                                 | 2                      | Expired                      |
| DCN 92.04                   | EXPIRED (Decrease in Weekly Inspections of Gray Drums)                        | 3                      | Expired                      |
| DCN 92.05                   | Requirement Reduction   | 2                      | 09/16/92                     |
| DCN 92.06                   | Improve Accountability  | 2                      | 10/15/92                     |
| DCN 92.07                   | Change Drum Inspection Period   | 2                      | 10/22/92                     |
| DCN 92.08                   | Drum Log F or M Change  | 2                      | 12/03/92                     |
| DCN 93.01                   | Clarification on Drums (REPLACES DCN 92.03)                                   | 2                      | 02/10/93                     |
| FO.11                       | Field Communications  | 2                      | 05/12/92                     |
| FO.12                       | Decontamination Facility Operations   | 2                      | 05/12/92                     |
| FO.13                       | Containerization, Preserving, Handling and Shipping of Soil and Water Samples | 2                      | 05/12/92                     |
| DCN 92.01                   | Chain of Custody  | 2                      | 07/27/92                     |
| DCN 92.02                   | Improve Tracking of Samples   | 2                      | 12/08/92                     |
| DCN 93.01                   | Chain of Custody Record   | 2                      | 02/10/93                     |

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|-----------------------------|---|------------------------|------------------------------|
| FO.14                       | Field Data Management   | 2                      | 05/12/92                     |
| DCN 92.01                   | EXPIRED (Update Bottle Codes and Lab Codes to Current Status)                 | 2                      | Expired                      |
| DCN 92.02                   | Clarification of Biological Locations (07/08/92- Extended)                    | 2                      | 11/20/92                     |
| DCN 92.03                   | Changes in Procedures (07/08/92 - Extended)                                   | 2                      | 11/20/92                     |
| DCN 92.04                   | Expired   | 2                      | Expired                      |
| DCN 92.05                   | Update QA/QC Code List  | 2                      | 09/28/92                     |
| DCN 92.06                   | Clarify Description   | 2                      | 09/28/92                     |
| DCN 92.07                   | Update Bottle Code List   | 2                      | 09/28/92                     |
| DCN 92.08                   | Add Sub-Contractor Abbreviations  | 2                      | 10/14/92                     |
| DCN 92.09                   | Major Form Revision   | 2                      | 11/03/92                     |
| DCN 92.10                   | Elimination of Non-Required Section   | 2                      | 11/10/92                     |
| DCN 92.11                   | Update Bottle Code & Lab Codes to Current Status                              | 2                      | 12/09/92                     |
| DCN 93.01                   | New Codes   | 2                      | 01/15/93                     |
| DCN 93.02                   | New Samplers and New Media  | 2                      | 01/15/93                     |
| DCN 93.03                   | Field Data for RFEDS  | 2                      | 02/10/93                     |
| FO.15                       | Photoionization Detectors (PIDs) and Flame Ionization Detectors (FIDs)        | 2                      | 05/12/92                     |
| FO.16                       | Field Radiological Measurements   | 2                      | 05/12/92                     |
| DCN 92.04                   | EXPIRED (Seismic Lines)   | 1                      | Expired                      |
| DCN 92.05                   | Addition of HPGe  | 2                      | 11/24/92                     |
| DCN 93.01                   | FIDLER Surveys  | 2                      | 01/15/93                     |
| FO.17                       | Determining Out-Of-Specification Analytical Results for Environmental Samples |                        | To Be Added                  |
| FO.18                       | Environmental Sample Radioactivity Content Screening                          | 1                      | 05/12/92                     |
| DCN 93.01                   | Clarification of Procedure  | 1                      | 01/11/93                     |
| FO.19                       | Base Laboratory Work  | 2                      | 05/12/92                     |

|  |  |                                 |
|--|--|---------------------------------|
| Title<br>Handling of Personal Protective Equipment   | Date<br><del>1/6/93</del> 2-17-94<br>2/17/93 | DCN Number<br>93.01 SERD3-11-93 |
| Expires <u>2-17-94 SERD</u> Procedure Revision Required <input type="checkbox"/> Yes <input type="checkbox"/> No |  |                                 |
| Scope Limitation <u>NONE</u>   |  |                                 |

| Item Number | Page    | Step or Paragraph                              | Changes<br>(Use DCN CONTINUATION SHEET for Additional Spaces)   |
|-------------|---------|--|---|
| 1           | 9 of 11 | Section 6.2 paragraph (2) Procedures (6) & (8) | Replace (3) mil plastic bags with "(3) mil or (5) mil". Replace double (3) mil plastic bags with "either double (3) mil plastic bags or single (5) mil plastic bags". |
|             | 5 of 11 | Section 6.0 paragraph (4)                      |   |
|             | 4 of 11 | Section 5.0 item (10)                          |   |
|             | 8 of 11 | Section 6.2 paragraph (1)                      |   |

Justification (Reason for Change-Provide Numbers to Reference Corresponding Items Above)

1) Double (3) mil bags and single (5) mil plastic bags should be approximately equal in the ability to contain contamination.

DOCUMENT CLASSIFICATION REVIEW WAIVER  
PER R.B. HOFFMAN, CLASSIFICATION OFFICE  
JUNE 11, 1991

| Concurrence                                       | Organization | Req | Date    | Concurrence      | Organization   | Req                                   | Date        |
|---|--------------|-----|---------|------------------|--|---------------------------------------|-------------|
| RT Org  | Solar Panels | ✓   | 2/12/93 | Donna Silva      | EQS  | X                                     | 2/17/93     |
| A L Primmer                                       | ES: E        | ✓   | 2/17/93 | Mike C. Brubaker | EQS  | X                                     | 2-17-93     |
| <del>AD</del> <del>Chmide</del>                   | QAPM         | ✓   | 2/17/93 |                  |  |                                       |             |
| Approval of Responsible Manager<br>M.C. Broussard |              |     |         | Date<br>3/2/93   | Is Posting Req'd?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If Yes, By What Date?<br>upon receipt | Date Posted |